

and supply necessary instructions and/or components for replacement in the shortest possible time frame.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention, I therefore, do not wish to be limited to the precise details of construction as set forth, but desire to avail myself of such variation and modifications as come within the scope of the appended claims.

Having thus described my invention what I claim as new and desire to protect by Letters Patent is:

1. A lapping plate construction for lapping and polishing machines comprising;

- a) a circular ring-like base plate and a complimentary cover plate,
- b) said base being divided into equally shaped sectors with each sector having a continuous independent fluid channel formed in one face thereof,
- c) an inlet and an outlet for each of said fluid channels formed in said cover plate, with said inlets and outlets concentrically aligned along the mid-section of each sector so that the fluid channel of each section extends from its inlet port to the outer periphery of said base plate through a serpentine path to the inner periphery and back to the mid-section before exiting through said outlet, and
- d) a fluid exhaust chamber set in the base of said base plate and providing an overflow tube extending therefrom and through said outlet.

2. A lapping plate construction for lapping and polishing machines as defined by claim 1 including means for securing said cover plate upon said base plate in full facial abutment with said inlets and said outlets in open communication with respective fluid channels formed in said base plate.

3. A lapping plate construction for lapping and polishing machines as defined by claim 1 including an overflow tube extending from said fluid exhaust chamber

through said outlet formed in said cover plate so that said outlet is positioned relative to its associated fluid channel above the level of the channel's fluid capacity so that such fluid creates an overflow there through for indicating full fluid capacity in such fluid channel.

4. A lapping plate construction for lapping and polishing machines as defined by claim 3 including means for securing said cover plate upon said base plate in full facial abutment with said inlets and said outlets in open communication with respective fluid channels formed in said base plate.

5. A lapping plate construction for lapping and polishing machines as defined by claim 1 wherein said inlet and said outlet for each of said fluid channels is formed in said cover plate, with said inlet and said outlet in open communication with opposite ends of said fluid channel formed in said base plate.

6. A lapping plate construction for lapping and polishing machines as defined by claim 5 including means for securing said cover plate upon said base plate in full facial abutment with said inlets and said outlets in open communication with respective fluid channels formed in said base plate.

7. A lapping plate construction for lapping and polishing machines as defined by claim 5 including an overflow tube extending from said fluid exhaust chamber through said outlet formed in said cover plate so that said outlet is positioned relative to its associated fluid channel above the level of the channel's fluid capacity so that such fluid creates an overflow there through for indicating full fluid capacity in such fluid channel.

8. A lapping plate construction for lapping and polishing machines as defined by claim 4 wherein said inlet and said outlet for each of said fluid channels is formed in said cover plate, with said inlet and said outlet in open communication with opposite ends of said fluid channel formed in said base plate.

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